



# Mouse Anti human RORC monoclonal antibody, clone 5H520 (CABT-L974)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	RORC
<b>Immunogen</b>	Synthetic peptide (2 DRAPQRQHRASRELLAAKKTHTSQIE 27) of Retinoid-Related Orphan Receptor Gamma protein.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Mouse, Non-human primate, Rat
<b>Clone</b>	5H520
<b>Purification</b>	Affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, FC
<b>Format</b>	Liquid
<b>Concentration</b>	1.0 mg/ml
<b>Size</b>	100 µg
<b>Buffer</b>	PBS with 0.05% BSA
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

# BACKGROUND

**Introduction** ROR gamma (Nuclear receptor ROR-gamma), also called RORC and NR1F3, is a member of the NR1 nuclear hormone receptor family. ROR gamma is a DNA binding transcription factor. ROR gamma is 518 amino acids (aa) in length. Deletion in mice implicates ROR gamma as being essential for lymphoid organogenesis and controlling apoptosis during thymopoiesis. Two splice forms differing in the first 24 aa have been found for this gene; isoform 2 deletes aa 1-21 resulting in an alteration of aa 22-24. Over aa 1-121 human ROR gamma shares 97% identity with mouse ROR gamma.

**Keywords** MGC129539;NR1F3;Nuclear receptor ROR gamma;Nuclear receptor ROR-gamma;Nuclear receptor RZR gamma;Nuclear receptor RZR-gamma;Nuclear receptor subfamily 1 group F member 3;RAR-Related Orphan Nuclear Receptor Variant 2;RAR-related orphan receptor C;RAR-related orphan receptor gamma;retinoic acid-binding receptor gamma;retinoid-related orphan receptor gamma;Retinoid-related orphan receptor-gamma;ROR gamma;RORC;RORG;RORG MGC129539;RZRG;RZRGRZR-GAMMA;TOR

# GENE INFORMATION

**Entrez Gene ID** [6097](#)

**UniProt ID** [P51449](#)